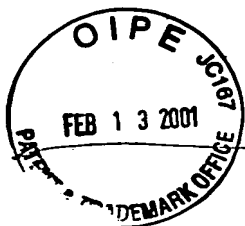
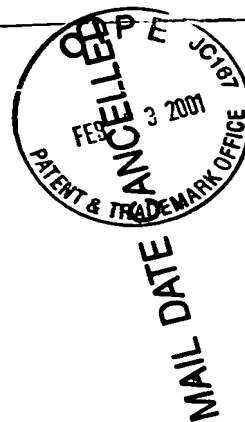
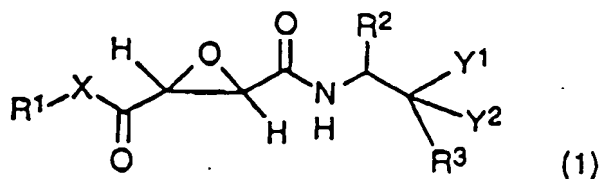


ABSTRACT



Epoxy succinamide derivatives of the formula (1):



wherein R<sup>1</sup> is hydrogen, alkyl, alkenyl, alkynyl, aryl, or aralkyl; R<sup>2</sup> is alkyl, alkenyl, alkynyl, aryl, or aralkyl; R<sup>3</sup> is hydrogen, alkyl, alkenyl, alkynyl, aryl, aralkyl, heterocyclic, or heterocyclic-alkyl; X is -O- or -NR<sup>4</sup>- (R<sup>4</sup> is hydrogen, alkyl, aryl, aralkyl, heterocyclic, or heterocyclic-alkyl); Y<sup>1</sup> is OR<sup>5</sup>, SR<sup>6</sup>, or NR<sup>7</sup>R<sup>8</sup>; and Y<sup>2</sup> is hydrogen or alkyl. The compounds are useful as remedies for bone diseases and arthritis.